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Company Press Release

PowerLight Solar Powers Up U.S. Coast Guard Facility in Downtown Boston

BERKELEY, Calif., March 30 /PRNewswire/ -- PowerLight Corporation recently completed installation of a roof-mounted solar electric array for a U.S. Coast Guard facility housed in the John F. Williams Building in downtown Boston. The General Services Administration bought the array for the U.S. Coast Guard from Enron Energy Services Operations, Inc. Totalling 37 kilowatts and made up of 372 photovoltaic (PV) roof tiles manufactured by PowerLight, the system provides enough electricity to power the upper 2 floors of the 9-floor building during daylight hours. Roman Piaskoski of the GSA says, "We are glad to be part of what we feel is another step forward for the solar industry. Not only is this the largest building-integrated PV installation in New England, but it proves that commercial PV can work in challenging urban settings."

The PowerLight array uses state-of-the-art PowerGuard® roof tiles. "PowerGuard® is a revolutionary concept in building architecture," says PowerLight Executive Vice President Dan Shugar. "In addition to generating solar electricity, the tiles insulate the building, reducing the cost of heating and air-conditioning while extending the life of the roof. They're an integral part of the rooftop, joined by a tongue-and-groove design that requires no roof penetration or adhesives, thus eliminating leakage and related maintenance. Moreover, PowerGuard® has only half the weight of a conventional ballasted roof." The PowerGuard® system on the John F. Williams Building incorporates a high-efficiency polycrystalline photovoltaic (PV) panel manufactured by ASE Capital Americas, based in Massachusetts.

Funding for the PowerLight system was provided in part by the National Renewable Energy Lab and the Utility PhotoVoltaic Group's TEAM-UP program, which provides cost-sharing from the U.S. Department of Energy for innovative solar business ventures. The project was completed within budget and on time, taking just two months from contract to completion.

PowerLight is the U.S. leader in building-integrated solar electric systems. Its patented PV products generate clean power at the lowest possible cost and offer a host of other quantifiable benefits that make PowerLight systems the most financially viable in the industry. Since 1991 PowerLight has been installing high-profile commercial projects around the globe, positioning itself as the industry's preeminent supplier of PV products and services. Additional information is available at www.powerlight.com.

SOURCE: PowerLight Corporation